

Substitute for form 1449A/PTO & 1449B/PTO		Complete if Known	
FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/828,557
		Filing Date	April 21, 2004
		First Named Inventor	Douglas G. Storey et al.
		Examiner Name	ROBERT A ZEMAN
		Attorney Docket Number	028722-381
Sheet <u>1</u> of <u>7</u> (Use as many sheets as necessary)			

U.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS											
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec

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RZ	Aarons, S. et al., "A regulatory RNA (PrrB RNA) modulates expression of secondary metabolite genes in <i>Pseudomonas fluorescens</i> F113," <i>Journal of Bacteriology</i> , 182(14):3913-3919 (2000).
RZ	Anwar et al., "Susceptibility of biofilm cells of <i>Pseudomonas aeruginosa</i> to bactericidal actions of whole blood and serum," <i>FEMS microbial. Let.</i> 71:235-241 (1992)
RZ	Barta et al., "Regulation of tabtoxin production by the lemA gene in <i>Pseudomonas syringae</i> ," <i>J. Bacteriol.</i> 174:3021-3029 (1992)
RZ	Blumer, D., et al., "Multicopy suppression of a gacA mutation by the infC operon in <i>Pseudomonas fluorescens</i> CHA0: competition with the global translational regulator RsmA, <i>FEMS Microbiology Letters</i> , 187:53-58 (2000).
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RZ	Brinkman, F. et al., "Evolutionary relationships among virulence-associated histidine kinases, <i>Infection and Immunity</i> ," 69:5207-5211 (2001).
RZ	Bullock, W.O. et al., "E. coli XL-Blue: a high efficiency plasmid transforming <i>recA</i> <i>Escherichia coli</i> strain with beta-galactosidase selection," <i>Biotechniques</i> , 5:376-378 (1987).
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Examiner Signature	Date Considered
<i>Robert Zeman</i>	9/7/05

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RZ	Corbell, N. et al. "A global regulator of secondary metabolite production in <i>Pseudomonas fluorescens</i> Pf-5," J. Bacteriol. 177, 6230-6236 (1995)
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RZ	Deziel, E. et al., "Initiation of biofilm formation by <i>Pseudomonas aeruginosa</i> 57RP correlates with emergence of hyperpilated and highly adherent phenotypic variants deficient in swimming, swarming, and twitching motilities," Journal of Bacteriology, 183:1195-1204 (2001).
RZ	Drenkard, E. et al., "Pseudomonas biofilm formation and antibiotic resistance are linked to phenotypic variation," Nature, 416:740-743 (2002).
RZ	Duffy, B. et al., "Controlling instability in <i>gacS-gacA</i> regulatory genes during inoculant production of <i>Pseudomonas fluorescens</i> biocontrol strains," Applied and Environmental Microbiology, 66:3142-3150 (2000).
RZ	Dybvig, K. et al., "DNA rearrangements and phenotypic switching in prokaryotes," Molecular Microbiology, 10:465-471 (1993).
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RZ	Heydorn, A. et al., "Statistical analysis of <i>Pseudomonas aeruginosa</i> biofilm development: impact of mutations in genes involved in twitching motility, cell-to-cell signaling, and stationary-phase sigma factor expression," Applied and Environmental Microbiology, 68(4):2008-2017 (2002).
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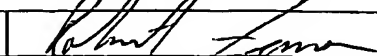
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RZ	Holloway et al., "Chromosomal genetics of <i>Pseudomonas</i> ," Microbiol. Rev. 43:73-102 (1979)
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RZ	Johnston et al., "Transcriptional activation of <i>Salmonella typhimurium</i> invasion genes by a member of the phosphorylated response-regulator superfamily," Mol. Microbiol. 22:715-27 (1996)
RZ	Kim, Y.C. et al., "Identification of adjacent genes encoding the major catalase and a bacterioferritin from the plant-beneficial bacterium <i>Pseudomonas putida</i> ," Gene, 199:219-224 (1997)
RZ	Kim et al., "Sensor kinase GacS regulates production of quorum sensing factors, secondary metabolites and root colonization in <i>Pseudomonas chlororaphis</i> O6," Phytopathology, 91:S49 (2001)
RZ	King, E.O. et al., "Two simple media for the demonstration of pyocyanin and fluorescein," J Lab Clin Med, 44:301-307 (1954)
RZ	Kinscherf et al., "Swarming by <i>Pseudomonas syringae</i> B728a requires <i>gacS</i> (<i>lemA</i>) and <i>gacA</i> but not the acyl homoserine lactone biosynthetic gene <i>ahlI</i> ," J. Bacteriol. 181:4133-4136 (1999)
RZ	Kitten et al., "A newly identified regulator is required for virulence and toxin production in <i>Pseudomonas syringae</i> ," Mol. Microbiol. 28:917-929 (1998)
RZ	Kitten, T. et al., "Suppression of a sensor kinase-dependent phenotype in <i>Pseudomonas syringae</i> by ribosomal proteins L35 and L20," Journal of Bacteriology, 178:1548-1555 (1996).
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RZ	Kohler et al., "Swarming of <i>Pseudomonas aeruginosa</i> is dependent on cell-to-cell signaling and requires flagella and pili," J. Bacteriol. 182:5990-5996 (2000)
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RZ	Lam et al., "Production of mucoid microcolonies by <i>Pseudomonas aeruginosa</i> within infected lungs in cystic fibrosis," Infect. Immun. 28:546-556 (1980)
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RZ	Liss et al., "New M13 host:DH5αF' competent cells," Focus 9:13 (1987)
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RT	Marrie, T.J., "A scanning electron microscopic study of urine droppers and urine collecting systems," <i>Archives of Internal Medicine</i> , 143:1135-1141 (1983).
RT	Marrie, T.J. et al., "Scanning and transmission electron microscopy of in situ bacterial colonization of intravenous and intraarterial catheters," <i>Journal of Clinical Microbiology</i> , 19:687-693 (1984).
RT	Mascher, F. et al., "Inactivation of the regulatory gene algU or gacA can affect the ability of biocontrol <i>Pseudomonas fluorescens</i> CHA0 to persist as culturable cells in nonsterile soil," <i>Applied and Environmental Microbiology</i> , 68:2085-2088 (2002).
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RT	Meluleni et al., "Mucoid <i>Pseudomonas aeruginosa</i> growing in a biofilm in vitro are killed by opsonic antibodies to the mucoid exopolysaccharide capsule but not antibodies produced during chronic lung infection in cystic fibrosis patients," <i>J. Immunol.</i> , 155:2029-2038 (1995).
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RT	Monzon, M. et al., "Synergy of different antibiotic combinations in biofilms of <i>Staphylococcus epidermidis</i> ," <i>The Journal of Antimicrobial Chemotherapy</i> , 48:793-801 (2001).
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RT	Pearson et al., "Roles of <i>Pseudomonas aeruginosa</i> las and rhl quorum sensing systems in control of elastase and rhamnolipid biosynthesis genes," <i>J. Bacteriol.</i> , 179:5756-5767 (1997).

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RZ	Pesci et al., "Regulation of las and rhl quorum-sensing in <i>Pseudomonas aeruginosa</i> ," J. Bacteriol., 179:3127-3132 (1997)
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RZ	Rumbaugh et al., "Contribution of the regulatory gene lasR to the pathogenesis of <i>Pseudomonas aeruginosa</i> infection of burned mice," J. Burn Car Rehabil., 20:42-49 (1999)
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RZ	Schweizer, H. "Allelic exchange in <i>Pseudomonas aeruginosa</i> using novel ColE1-type vectors and a family of cassettes containing a portable oriT and the counter-selectable <i>Bacillus subtilis</i> sacB marker," Molecular Microbiology, 6(9):1195-1204 (1992).
RZ	Schweizer, H., "Escherichi-Pseudomonas shuttle vectors derived from pUC18/19," Gene, 97:109-112 (1991)
RZ	Schweizer, H., "Small broad-host-range gentamycin resistance gene cassettes for site-specific insertion and deletion mutagenesis," BioTechniques, 15(5):831-832 (1993).

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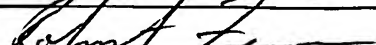
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RZ	Seed et al., "Activation of the Pseudomonas aeruginosa lasI gene by LasR and the Pseudomonas autoinducer Pal; and Autoinduction regulatory hierarchy," J. Bacteriol., 177:654-659 (1995)
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Examiner Signature



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9/2/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Substitute for form 1449A/PTO & 1449B/PTO			Complete if Known		
FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>			Application Number	10/828,557	
			Filing Date	April 21, 2004	
			First Named Inventor	Douglas G. Storey et al.	
			Examiner Name	ROBERT A ZEMAN	
Sheet	7	of	7	Attorney Docket Number	028722-381

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
RZ	Whistler et al., "The two component regulators GacS and GacA influence accumulation of stationary phase sigma factor σ^S and the stress response in <i>Pseudomonas fluorescens</i> Pf-5," J. Bacteriol., 180:6635-6641 (1998)
RZ	Whiteley, M. et al., "Gene expression in <i>Pseudomonas aeruginosa</i> biofilms," Nature, 413:860-864 (2001).
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Examiner Signature		Date Considered	9/7/05
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